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Shelby GT500 Supplemental Install Instructions



Installation Notes:

Stock Supercharger Belt is used for Standard Diameter Dampner.

Gates Belt # K100852 is required for 10% Overdrive Dampners when used with the factory supercharger pulley. This belt is available at most local auto parts stores.

The factory bolt is torque to yield and should only be used one time. Make sure to apply some red Loctite to the supplied crank bolt prior to tightening to 90 ft-lbs.

DO NOT remove the hub from the dampner case. Install as a complete assembly!



Overdrive dampners will require grinding on the factory crank sensor mounting boss for clearance (see picture below).



Measure over 4.140" from the center of the crankshaft and make a mark on the crank sensor mounting boss. This mark will indicate how much of the boss must be removed for proper clearance. The boss must be ground down to within .070" of the surface of the timing cover for proper clearance on the rear of the dampner. We also suggest checking the height of the factory TDC and 10* timing marks higher up on the cover and reducing the height of these cast in marks as needed.